Importing dxfs into coreldraw

First open up coreldraw where you'll have to chose the size of the document. Input the size of the material you intend to cut on the laser

Create a New Document		23
Name:	Untitled-1	
Preset destination:	Custom	
Size:	Custom	
Width:	600.0 mm 🚔 millimeters 🔻	
Height:	305.0 mm 🚔 🗌 🗖	
Number of pages:	1	
Primary color mode:	СМҮК	
Rendering resolution:	300 🔻 dpi	
Preview mode:	Enhanced 🔹	
Color settings		
☆ Description		
Set the resolution for effects	that will likely be rasterized, such as	
transparency, drop shadow,	and bevel effects.	
Do not show this dialog ag	Jain	
	OK Cancel	Help

Then import the dxf files from solidworks by pressing cntl + I

This will open the import menu

Then navigate to where you have the dxfs files and select what you want to import.

You can import several at the one time, or just one.

rganize 🔻 🛛 New fold	er				(
Favorites	Name	Date modified	Туре	Size	
E Desktop	DXF level 2 back	06/03/2015 13:21	AutoCAD Drawing	44 KB	
🚺 Downloads	back lower part 1	06/03/2015 09:24	AutoCAD Drawing	21 KB	
🖳 Recent Places	back side panel 1	06/03/2015 09:24	AutoCAD Drawing	23 KB	
	back support 1	06/03/2015 09:24	AutoCAD Drawing	18 KB	
🖥 Libraries	back top	06/03/2015 09:24	AutoCAD Drawing	22 KB	
Documents	back upper part 1	06/03/2015 09:24	AutoCAD Drawing	17 KB	
J Music	Dir level 2 support 1	06/03/2015 09:24	AutoCAD Drawing	17 KB	
E Pictures	DXP slot front top 2	06/03/2015 09:24	AutoCAD Drawing	18 KB	
Videos	🔊 front top	05/03/2015 21:19	CoreIDRAW X7 Gr	18 KB	
	DXP front top	05/03/2015 20:57	AutoCAD Drawing	25 KB	
Computer	퉬 Complete	06/03/2015 08:45	File folder		
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Eilen	ame: back ton			ormate	

Next a window will pop up asking you to select import options.

Make sure the Units are selected Metric (1 unit - 1mm) to import the pieces with the same scale you made them in solidworks.

Then select ok, to import.

	lop		•	
	🔽 Auto-Redu	ice nodes		
Units:	🔘 Automatic			
	🖱 English (1 unit = 1 inch)			
	🧿 Metric (1 u	nit = 1 mm)		
Scaling:	1:1	•		
Original size;	520.00 mm x	287.00 mm		
New size:	520.00 mm x 287.00 mm			



Move the mouse cursor to where you want the drawing to be placed on the piece of material to cut. Then just click with the mouse and it'll place the drawing in the coreldraw file. This will have import the drawing as individual lines. I like to groups these lines together and then make then hairline so the laser cuts there. You need the lines to be hairline in the drawing otherwise the laser will etch them rather than cut through the material.

First select all the lines by dragging the mouse over all of them or pressing ctrl +A Then press Cntl + G or right click on the selected lines and choose group. This groups all the lines together as one. You can also ungroup them by using the same command. Finally in the object properties menu select the 'width' of the lines to be hairline.



Make sure the drawing is moved on the area of the material. (unlike what is shown in the above image)